PATENT CLAIMS:

1. An infusion set comprising an infusion part (0B) for insertion into a patient and a connector (0A) for connecting the infusion part (0B) with a medical device through a tube (7), the connector being axially displaceable relative to the infusion part, said infusion part comprising an adhesive support (1), a base part (2) with a first set of guiding means (13) and at least two retention devices (4) for locking the connector (0A) to the infusion part (0B), a cannula (5) extending from said base part (2) and being in fluid communication with a cavity (3) which is optionally covered with a membrane, said cavity being further adapted to receive a second cannula (6) extending from the connector, which second cannula (6) is in fluid communication with the tube (7), a second set of guiding means (8) adapted to fit with the first set of guiding means (13) and at least two arms (9), characterized in that the retention devices (4) are extending from the upper surface of the main surface of the base part (2) and that the arms (9) comprise means (10) corresponding to the retention means (4).

2. An infusion set according to claim 1, characterized in that the connector is symmetrical around the main plane of the connector and around the plane perpendicular to the main plane and parallel to the central axis.

3. An infusion set according to claim 1 or 2, characterized in that the connection between each arm (9) and the second set of guiding means (8) is made flexible in order for the arms (9) to be able to move in the direction perpendicular to the base part (2).

4. An infusion set according to claim 3, characterized in that the connection between each arm (9) and the second set of guiding means (8) comprises at least one groove.

5. An infusion set according to any one of the preceding claims, characterized in that the retention devices (4) are positioned at flexible parts of the base part (2).

6. An infusion set according to claim 5, characterized in that the base part (2) has at least two cuttings (12) creating at least two flaps on which the retention devices (4) are positioned.

7. An infusion set according to any one of the preceding claims, characterized in that the cannula (5) passes through the adhesive support (1).

8. An infusion set according to any one of the preceding claims, characterized in that the adhesive support (1) is a plaster.

9. An infusion set according to any one of the preceding claims, characterized in that the infusion part (0B) and the connector (0A) are made from two different plastics materials.

10. An infusion set according to any one of the preceding claims, characterized in that there is a visual difference in the toning of the connector (0A) and the base part (2) of the infusion part (0B).

11. An infusion set according to any one of the preceding claims, characterized in that the retention devices (4) are in form of a step.

12. An infusion set according to any one of the preceding claims, characterized in that the retention devices (4) have a triangular shape.

13. An infusion set according to any one of the preceding claims, characterized in that the tube is fastened by means of glue.

14. An infusion set according to any one of the preceding claims, characterized in that the medical device is an insulin pump

15. An infusion set according to any one of the preceding claims, characterized in that the cannula (5) is a soft cannula made of thermoplastic elastomers (TPE).

16. An infusion set according to claim 15, characterized in that the thermoplastic elastomer is selected from the group consisting of polyester ethers, ECDEL, styrene based TPE, olefin based TPE, urethane based TPE, ester based TPE, amid based TPE, polyolefins and silicone rubbers.

17. An infusion set according to claim 15, characterized in that the thermoplastic elastomer is selected from the group consisting of polypropylene, C-FLEX™, mixtures of C-FLEX™ and polypropylene, LUPOLEN™ 1840H, LUPOLEN™ 3020D, PELLETHANE ™ 2363-75D, PELLETHANE™ 2363-55D, TECOTHANE ™ and CARBOTHANE™

18. An infusion set according to any one of the preceding claims, characterized in that the infusion part (0B) and/or the connector (0A) essentially is made of polypropylene.

19. An infusion set according to claim 1, characterized in that the second cannula (6) is extending from a central part of the connector and is placed in a withdrawn position relative to the front of the central part and that at least one of the first set of guiding means (13) comprises at least two stabilizing fins.

20. An infusion set according to claim 1, comprising an injector device for the subcutaneous introduction of the cannula (5) of the infusion part (0B) into the skin of a patient.

21. An infusion set according to claim 20, characterized in that the injector device comprises a housing (30), a back (33) and longitudinally extending guiding means (31), a member (32) which is longitudinally slidable within the housing (30) and comprising a needle (35) for insertion in the cavity of the cannula (5), a spring (34) located between the back of the housing and the longitudinally slidable member, locking means for maintaining the spring in a compressed state and release means (39) for disengaging the locking means, which device comprises a pivoting member (36) which can be swung from a position in which it allows for insertion of the needle into a position in which it embraces the needle.